1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.
A33795 066031.0138Serial No.
09/724,436**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant
Eshel Ben-Jacob et al.Filing Date
November 28, 2000Group
1631**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
9 9 6 0 1 6 5	11/25/1999	WIPO (WO)			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

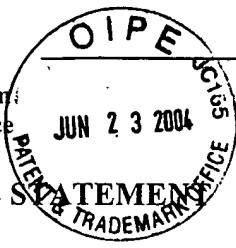
	Patolsky F et al., 2002, "Au-nanoparticle nanowires based on DNA and polylysine templates" <i>Angew Chem Int Ed Engl.</i> 41(13): 2323-7;
	Porath D. et al., 2000, "Direct measurement of electrical transport through DNA molecules" <i>Nature</i> Vol. 403:635-638
	Seeman N.C., <i>Trends in Biotechnology</i>, Vol. 17, (1999), p. 437
	Aich et al., <i>Journal of Molecular Biology</i>, 294 (2), 1999
	"DNA Nanoelectronics: Realization of a Single Electron Tunneling Transistor and a Quantum bit Element", The Sixth Foresight Conference on Molecular Nanotechnology, November 1998
	Ben Jacob, E., et al. <i>Europhys. Lett</i>, Vol. 43, (1998) p. 482
	Hermon Z et al., 1997, "Do topological charge solutions participate in DNA activity";
	Ben Jacob et al in 1989 see The charge-effect transistor, M. Amman, K. Mullen, and E. Ben- Jacob, <i>J. Appl. Phys.</i> 65(1) 339

NY02:473674.1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.



Atty. Docket No.
A33795 066031.0138

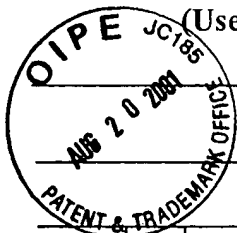
Serial No.
09/724,436

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
Ben-Jacob et al.

Filing Date
November 28, 2000

Group Art Unit
~~201~~ 1631



U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENT

	Document No.	Date	Country	Class	SubClass	Translation Yes No
AM	9 9 0 4 4 4 0	1/28/99	WIPO			
AM	9 9 6 0 1 6 5	11/25/99	WIPO			
AM	0 7 5 5 0 4 4	1/22/97	Europe			
AM	1 1 0 8 7 8 0	4/26/89	Japan (English abstract only)			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

AM		Porath et al. 2000, <i>Direct measurement of electrical transport through DNA molecules</i> . Nature 403:635-638.
AM		Aich et al. 1999, <i>M-DNA: A Complex between Divalent Metal Ions and DNA which behaves as a Molecular Wire</i> . J. Mol. Bio. 294:477-485.
AM		Ben-Jacob et al. 1999, <i>DNA Transistor and quantum bit element: Realization of nano-biomolecular logical devices</i> . Physics Letters A 263:199-202.
AM		Seeman, NC. 1999, <i>DNA Engineering and its Application to Nanotechnology</i> . Trends Biotechnol. 17:437-43.
AM		Ben-Jacob et al. DNA-Nanoelectronics: Realization of a Single Electron Tunneling Transistor and a Quantum Bit Element. Abstract for presentation at the Sixth Foresight Conference on Molecular Nanotechnology. Nov 12-15 1998.
AM		Hermon et al. 1998, <i>Prediction of charge and dipole solitons in DNA molecules based on the behavior of phosphate bridges as tunnel elements</i> . Europhys. Lett 43:482-487.

NY02:341912.1

Examiner

Ardin Massey

Date Considered

7-25-03

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.